

CARRIER MECHANISM

ABSTRACT OF THE DISCLOSURE

5 There is provided a carrier mechanism which can move a carrier section 23 to a desired position with high accuracy. The carrier mechanism is comprised of the carrier section 23, a driving motor 18, and an actuator formed of a cam mechanism 13, 15 for transmitting a driving force of the driving motor 18 to the carrier section 23 to convey the same. When the carrier section 23 is moved upward with respect to the present position, the carrier section 23 is once moved (elevated) to a position in excess of a desired position, then moved downward from the exceeded position to the desired position. When the carrier section 23 is moved downward from the present position, the carrier section 23 is moved to the desired position without exceeding the desired position. By virtue of this operation, in both of the elevation and lowering of the carrier section 23, the carrier section 23 reaches the desired section by lowering thereto at its final stage of the movement. Further, the so-called actuator for driving the carrier section 23 is held in a predetermined direction, and therefore the carrier section 23 can be positioned to the desired position with high accuracy.